

LIST OF ART CITED BY APPLICANT
(Use several sheets if necessary)APPLICANT
Vladimir Segal et al.FILING DATE
July 24, 2001GROUP
1742

U.S. PATENT DOCUMENTS

*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
Jm	AA 5,171,379	12/1992	Kumar et al.	—	—	
Jm	AB 5,722,165	03/1998	Kobayashi et al.	—	—	
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	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
Jm	AM 252,442	09.06.1960	Australia	—	—		
Jm	AN 55-129764	12/1980	Japan	—	—		
	AO 57-106525						
	AP						
	AQ						

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Jm	AR	Hughes et al., "Grain Subdivision and the Development of Local Orientations in Rolled Tantalum" Tantalum, The Minerals, Metals & Materials Society, 1996, pgs. 257-262. (Year is sufficiently early so that the month is not an issue.)
Jm	AS	Arlt, Jr., "Sulfonation and Sulfonation to Thorium and Thorium Compounds" Kirk-Othmer Encyclopedia of chemical Technology vol. 22, pp. 541-564, (1993, Year is sufficiently early so that the month is not an issue.)
Jm	AT	Kirkbride et al., "The Effect of Yttrium on the Recrystallization and Grain Growth of Tantalum", J. Less-Common Metals, vol. 9, pp. 393-408, 1965. (Year is sufficiently early so that the month is not an issue.)

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Jm Muir

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						Yes	No
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

Jm	AR	V.M. Segal, "Materials Processing by Simple Shear", Materials Science and Engineering A, Volume 197, 1995, pgs. 157-164. (Year is sufficiently early so that the month is not an issue.)
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Jon Merck

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		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOC. NO. 30-5004DIV3		SERIAL NO. 09/912.616	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Vladimir Segal et al.			
				FILING DATE July 24, 2001		GROUP 1742	
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*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
jam	AA	4,466,940	08-1984	Siewert et al.			
jam	AB	4,883,721	11-1989	Nalepka et al.			
jam	AC	4,374,717	02-1983	Drauglis et al.			
jam	AD	5,623,726	04-1997	Kiiski et al.			
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EXAMINER <i>James Merrill</i>				DATE CONSIDERED <i>9/5/03</i>			
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Form PTO-449 <div style="border: 2px solid black; border-radius: 50%; padding: 10px; display: inline-block; transform: rotate(-15deg);"> OIPE JUN 16 2003 JIC355 3010 </div>		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 30-5004DIV3		SERIAL NO. 09/912,616	
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		Document Number	Date	Country	Class	Subclass	Translation
							Yes No
Jam	AM	EP 0 902 102 A1	03-1999	EPO	—	—	
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EXAMINER <i>Jam Mink</i>				DATE CONSIDERED <i>9/5/03</i>			
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*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
Jm	AA	5,194,101	03/1993	Worcester et al.	1	1	
Jm	AB	6,521,173 B2	02/2003	Kumar et al.	1	1	
Jm	AC	2002/0041819A1	04/2002	Kumar et al.	1	1	Jul. 16, 2001
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		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
Jm	AM	62-297463	12/1987	Japan	1	1	x	
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

Jm	AR		V.M. Segal, "Materials Processing by Simple Shear", Materials Science and Engineering A, Volume 197, 1995, pgs. 157-164. (Year is sufficiently early so that the month is not an issue.)
Jm	AS		Ruglic, "Normalizing of Steel" ASM Handbook, Vol. 4 Heat Treating, 1991, pgs. 35-41.
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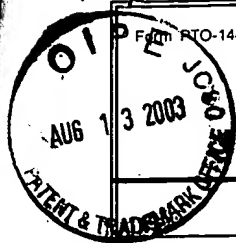
Jm Maile

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*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
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		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
Jm	AM	03-197640A	08-1991	Japan	-	-		
Jm	AN	EP0281141B2	03-1988	EPO	-	-		
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Jm	AR		Susumu Sawada, "On Advanced Sputtering Targets of Refractory Metals and Their Silicides for VLSI-Applications", 12 th International Plansee Seminar (1989) Topic 5: Ultrapure Refractory Metals, pp. 201-222.
Jm	AS		P. Ding et al., "Copper Barrier, Seed Layer, and Planarization Technologies", June 10-12, 1997 VMIC Conference, pp. 87-92.
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